

CLAIMS

1. A resin composition comprising:
 - a matrix; and
 - a filler (C) comprising at least one of a metal carbonate and a metal hydroxide, having an average particle diameter of 0.5 to 30 μm and showing a decomposition temperature of 250°C or higher,the matrix comprising:
 - an acrylic copolymer (A) containing at least one carboxyl group as a functional group and having a molecular weight of 800 to 20000 and an acid value (AV) of 20 to 150; and
 - a compound (B) containing two or more glycidyl groups in its molecule and having a weight per epoxide (WPE) of 80 to 400.
2. The resin composition according to claim 1, further comprising an aliphatic hydrocarbon compound (D) containing at least one carboxyl group and at least one hydroxyl group as functional groups and having a molecular weight of 70 to 300 and a melting point of 70°C or lower.
3. The resin composition according to one of claims 1 and 2, wherein at least a major component of polymer components constituting the acrylic copolymer (A) has a glass transition temperature (T_g) of -60°C to -20°C as determined by differential scanning calorimetry.

4. A heat-stable soft resinous sheet article comprising a cured article of the resin composition of any one of claims 1 to 3 and having a hardness of 70 or less at 25°C as determined with an ASKER C hardness tester.

5. The resin composition according to claim 1, wherein at least one metal hydroxide as the filler (C) is contained in an amount of 150 parts by weight or more to 100 parts by weight of the acrylic copolymer (A).

6. The resin composition according to claim 1, wherein the filler (C) is at least one of aluminium hydroxide and magnesium hydroxide.

7. The resin composition according to claim 1, further comprising at least one of a poly phosphate flame retardant and expanded graphite as a flame retardant.